

FIG. 1  
TLP WITH TETHERS

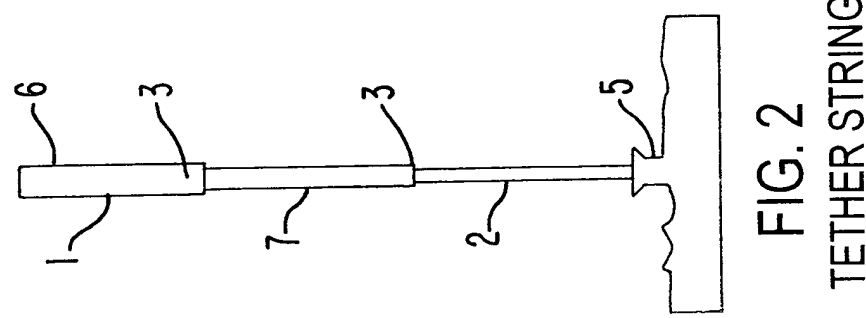


FIG. 2  
TETHER STRING

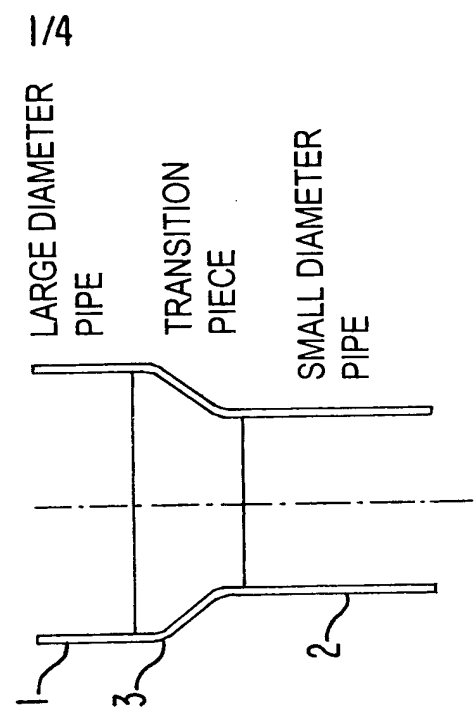


FIG. 3  
DIAMETER TRANSITION

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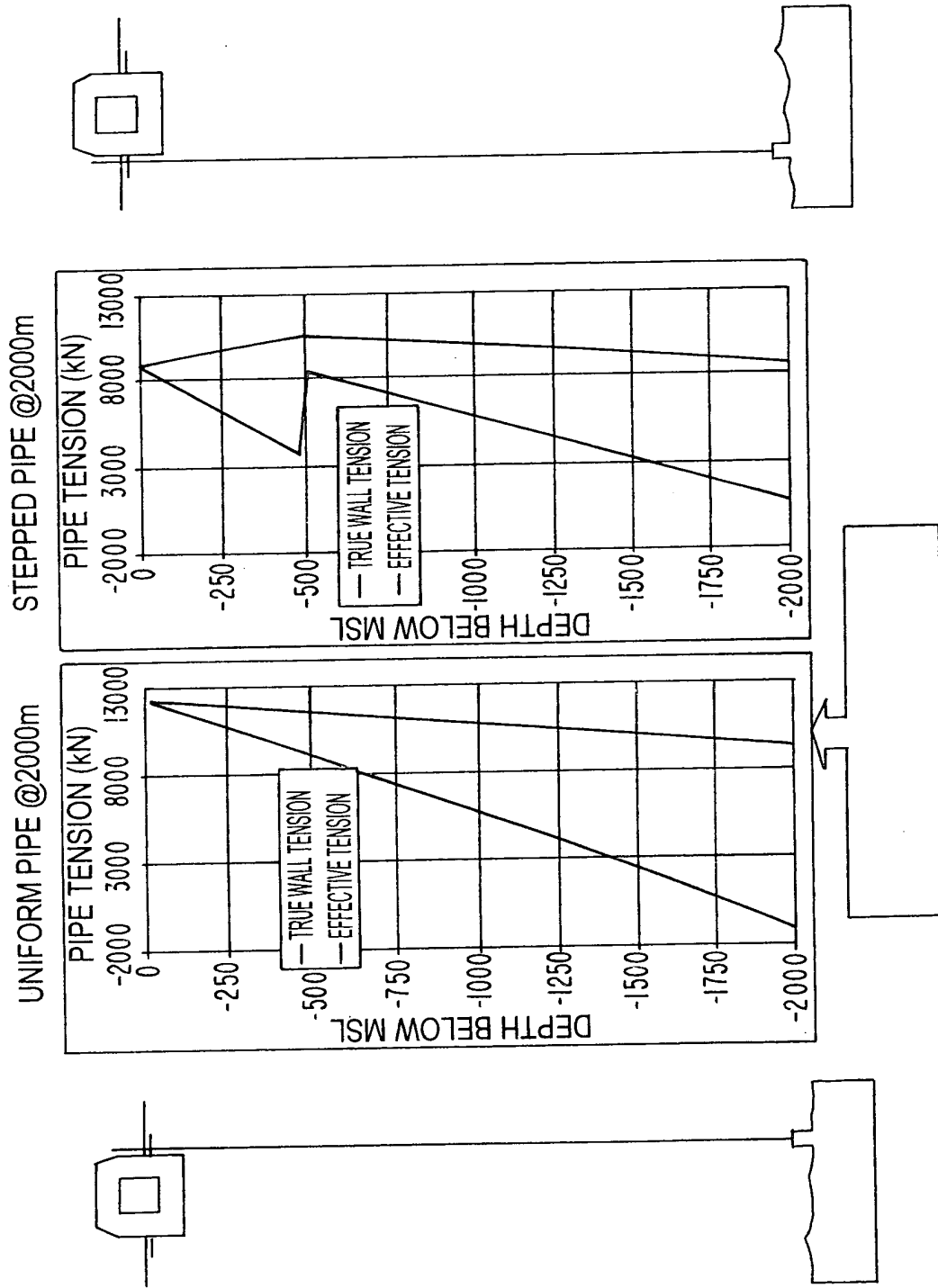
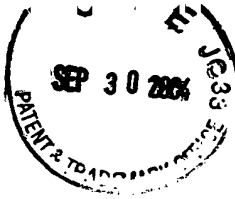


FIG. 4 TETHER PIPE TENSION

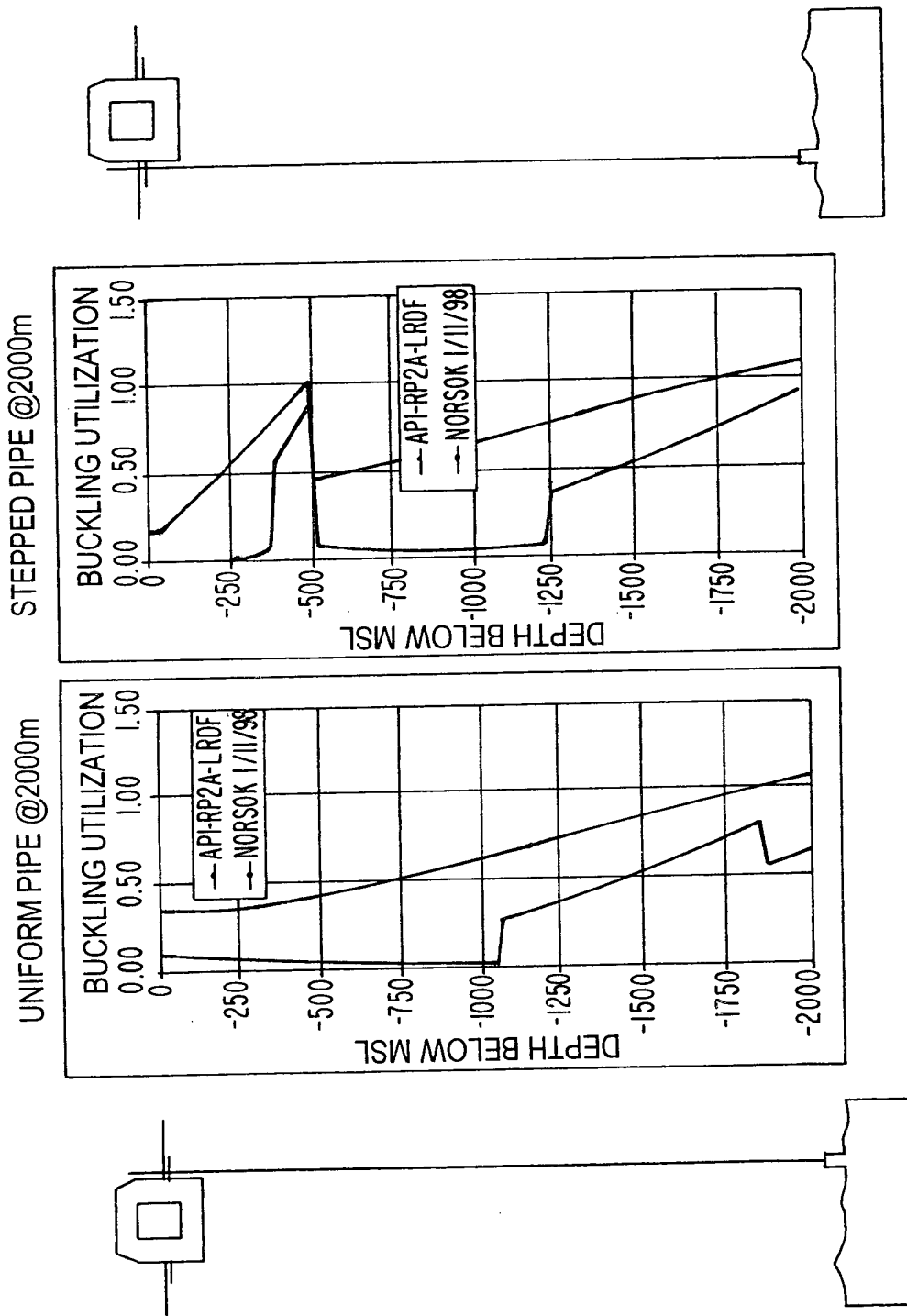
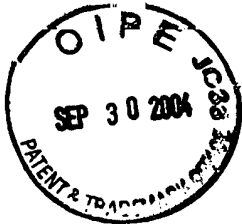


FIG. 5 TETHER PIPE UTILIZATION



## OPTIMIZATION

1. DIRECTION OF  
INCREASED BUOYANCY
2. DIRECTION OF  
INCREASED STIFFNESS
3. DIRECTION OF  
INCREASED HYDROSTATIC  
CAPACITY

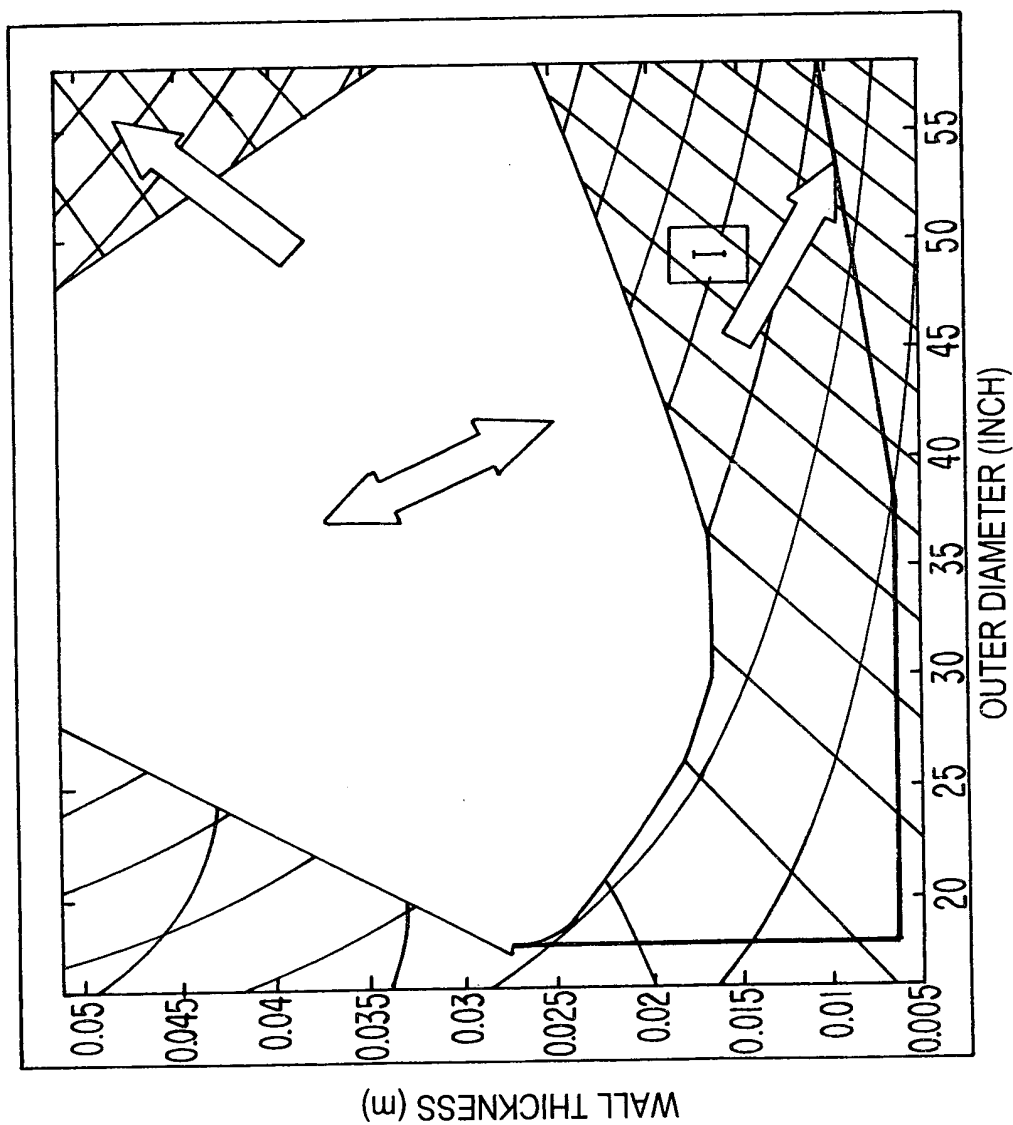


FIG. 6 OPTIMIZATION CHART